From owner-qrp-l@Lehigh.EDU Sun Jun 16 23:04:58 1996
From: KFGlynn@aol.com
Subject: [9958] 80M Loop Construction
Message-ID: <960616112722_329779417@emout19.mail.aol.com>

Hi gang,

My local radio club had a spec events sta yesterday at the FD site at Ft Hamilton Army Base in Brooklyn. Made the 80M Delta Loop with 14 ga stranded wire 268', fed with a lot of 450 ohm solid ladder-line. Will be placing some 1x3s in the ground for additonal support of feedline to transmatch. Not sure how long a run, but I used a good portion of the 300' of line I bought.

Was able to tune 80, 40, 20, 17 and 10M with no problems. Worked around the country and a sta in Norway on 30M later in afternoon (was about 30 or so watts out). Also worked K7U in Delta, Utah which was nice. I placed horizontal wire on top, with top corner feed for vertical polarization. I want to minimize QRM with dipoles and horizontal wire beams we made (ala Bill Orr, two element wire beams). Will work 80M and 40M CW.

LB suggests placing the wire horizontally, but I'm sure if I can get a third tree involved to support it in this configuration. I tied it down to a stake in the ground yesterday, but for FD may tie it to the top of a 1x3 instead. Will investigate further Tues night before our local club meeting.

The trees are taller than a nearby 3 story building, so I'd say at least 40' or so. We didn't have our slingshot (or course) so a small wrench swung up did the trick. One throw was so good that I left the line tied-off in the tree. I hope nobody snoops by and cuts the line... Bright white is easily seen amongst the leaves...

We hope to work 7A. I will call ICE this week to ask about adjusting the bandpass of their filters.

73 Kevin KB2TEO

From owner-qrp-l@Lehigh.EDU Sun Jun 16 23:04:58 1996
From: clarenco@grenet.fr (Clarencon Didier)
Subject: [9950] business trip in USA
Message-ID: <v01530502ade96c3e725f@[130.190.4.123]>

Hello from Grenoble

I will go soon to Los Angeles for a biological conference in UCLA university.
I shall arrive on the 14th july and go back to France on 20th july.

During this week, I hope to have a some free time to meet US QRP OM, see home made equipment and go in ham shops.

So, I am looking for informations to prepare my trip

Thank's

Didier

F6GNK
french member of Norcal and of G-QRP club

+ Didier CLARENCON +
+ +
+ +
+ Email : clarenco@grenet.fr +

:)

From owner-qrp-l@Lehigh.EDU Sun Jun 16 23:04:58 1996
From: Tim English <dx@tir.com>
Subject: [9952] cells
Message-ID: <2.2.32.19960616115920.006c5f00@tir.com>

Still have a few 12vdc 6 and 7ah gel cells available. Dimensions are 6" x 3 3/4" x 2 1/2" with 1/4" spade terminals on the top. Used but load tested good. Removed from our home burglar alarm systems and replaced with new ones as preventive maintenance. All less than 3-4 years old and should provide at least another 2-3 years of usable voltage.

6ah cell $12 + shipping
7ah cell $13 + shipping

Will also take standing orders so if I run out you'll be on the list for the next batch that I get in.

--
Tim

Amateur Radio Station: WB8OGM (since 1972)
Email: dx@tir.com

** Visit the Auction Web at http://www.ebay.com/aw/ **

"Sometimes imagination is better than knowledge"

From owner-qrp-l@Lehigh.EDU Sun Jun 16 23:04:58 1996
From: john andrews <jm165723@eee.org>
Subject: [9968] Collins filter I.d.
Message-ID: <31C46ABA.4FAC@eee.org>

Hi Gang:

I've got most of my filters figured out but a new one on me is:

Collins low-mass mechanical
F 455 Z 7 6941
526 9395 00

I know it's 455kHz, but need B/W.(cw/ssb?)

Thanks, John- N5INZ

From owner-qrp-l@Lehigh.EDU Sun Jun 16 23:04:58 1996
From: Frank McCrackin <wb6lma@cdsnet.net>
Subject: [9959] Comparison of Rigs
Message-ID: <199606161600.JAA22566@mail.cdsnet.net>

Recently, I read a short discussion of several transceivers usable for QRP operations. They included: Alinco (model?), Index QRP+, Explorer-II, NorCal 40A, Small Wonder SW-40, Icom IC-706 and NW8020. Most of the discussion was about the receiver capabilities.
I don't know whether I downloaded this from packet (I doubt) or from here. The message was addressed to Ken Newman, N2CQ from Bob VO1DRB/WA6ERB but I have no other info re: addressing. I would like to get some more info about the rigs under discussion, particularly the Alinco and the Explorer-II. Can anyone help me; either in locating an e-mail address for one of the two parties, or tell me about the rigs in question. I think the the Alinco may be a new offering.

72, Frank - WB6LMA

QRP ARCI #8959   NORCAL QRP #1387   G-QRP #9082 QRP-L #542
Lat. 42.2240   Long. -123.1671   Grid CN82HL
wb6lma@cdsnet.net
Packet: WB6LMA@WB7VMS.OR.USA
FAX: (541)476-1600   Phone: (541)476-8240

TMPS 1966 QSO's=006 States=04 Confirmed=00 DX=01
CA HI NM WA -- JA

From owner-qrp-l@Lehigh.EDU Sun Jun 16 23:04:58 1996
From: cjsterl@ix.netcom.com (Craig J. Sterling)
Subject: [9967] Explorer II Power increase
Message-ID: <199606161919.MAA28492@dfw-ix5.ix.netcom.com>

Gang,

A while back I saw a post asking if anyone had tried a mod to increase the power output of the OHR Explorer II. Never saw a reply, so here goes again.

HAS ANYONE UNDERTAKEN A MOD TO INCREASE POWER OUTPUT ON OHR EXPLORER II? IF SO, WHAT DID YOU DO?

Just love my Explorer II, but it's a 20M version and while I've made numerous contacts, I'm finding 2-2.5 watts sometimes doesn't quite cut it! Need that full QRP GALLON! Any help getting a bit more umphhh would be greatly appreciated.

TNX,
CRAIG, AA3MD

From owner-qrp-l@Lehigh.EDU Sun Jun 16 23:04:58 1996
From: wa5whn@ix.netcom.com (Jay Miller)
Subject: [9962] Field Day/STS-78 Space Mobile
Message-ID: <199606161638.JAA22630@dfw-ix5.ix.netcom.com>

Dear QRP Compadres,

  Well, after the 8th email message asking about STS-78, take a look at the following URL;

http://www.arrl.org/

click on SAREX, and take a look at the 12K *.txt file. All of the information is there.

  If all goes as planned, STS-78 will be QRP Space Mobile (1 C ??), for the ARRL Field Day, 1996. N5ZGT had queried the ARRL, and if You make a 2 way contact with them (STS-78), it counts as a Satellite contact. What about MIR ? BTW, we (WA5WHN/qrp) will be 1A-battery, NM, high in the San Pedro Mountains.

  Remember, have FUN !!! We will...   :)

                              de WA5WHN K

From owner-qrp-l@Lehigh.EDU Sun Jun 16 23:04:58 1996
From: jeffa@ix.netcom.com (Jeff Anderson)
Subject: [9963] FS: radio & elec. books
Message-ID: <199606161650.JAA25115@dfw-ix1.ix.netcom.com>

Duplicates from my library...

The following prices do not include shipping. Shipping will be 3.50 for the first book, $1.50 per book thereafter.

Thanks,

- Jeff

MIT Radiation Lab Series

Technique of Microwave Measurements (vol 11), Dover (softcover, in 2 volumes)	$15
Theory of Servo Mechanisms (vol 25), Boston Technical Publishers	$10
Component Handbook (vol 17) Boston Technical Publishers	$20
Electronic Instruments (vol 21) Boston Technical Publishers	$20
Waveforms (vol 19) McGraw-Hill (orig. publisher, slight mildew odor)	$25

Microwave Receivers (vol 23)
McGraw-Hill (orig. publisher, slight mildew odor) $25

Threshold Signals (vol 24)
McGraw-Hill (orig. publisher, slight mildew odor) $20

1948 Radio Amateurs Handbook, ARRL, binding bowed $10

1955 Radio Amateurs Handbook, ARRL $10

Fundamentals of Radio Communications, Sheingold, 1951 $10

Transients in Linear Systems, Gardner & Barnes, Wiley $ 8
(Laplace transforms & applications thereof)

FM & Repeaters for the Radio Amateur, ARRL $ 2

Tektronix "Concept" Series

Information Display Concepts $ 5

Television System Measurements $ 5

RCA Transistor Thyristor and Diode Manual, 1971
(Databook & Applications,corner missing from back cover $ 5

Radiotron Designers Handbook, 4th edition
(cover worn with some stains, but binding good) $55

From owner-qrp-l@Lehigh.EDU Sun Jun 16 23:04:58 1996
From: jeffa@ix.netcom.com (Jeff Anderson)
Subject: [9961] FS: RF Adapters & conns.
Message-ID: <199606161614.JAA11333@dfw-ix12.ix.netcom.com>

I've collected way too many connectors, and it's time to try to move some of them out. All are used (some tarnished), but otherwise in good condition.

Prices do not include shipping, and I'd like any orders to be $10 minimum.

Thanks,

- Jeff, WA6AHL

Type	Qty	Price (ea)
"N" Female - BNC Male	10	2.50
BNC Male - BND Male	3	2.50
SO239 Female - "N" Male	3	2.50
BNC Female - PL259 Male	8	2.50
"N" Barrel (2x female)	3	2.50
BNC Barrel (2x female)	20	1.50
BNC "T" (2x female, 1x male)	11	2.00
C "T" (2x female, 1x male)	2	3.00
SO-239 Female panel-mount (Amphenol, 4 hole)	7	1.50

From owner-qrp-l@Lehigh.EDU Sun Jun 16 23:04:58 1996
From: Paul Stroud <aa4xx@nando.net>
Subject: [9956] K7YHA headed West
Message-ID: <31C4193F.B04@nando.net>

Hi Gang,

Rich and Tricia made the first leg of their continental Zuni FD trip (Wilkes-Barre, PA to Raleigh, NC) in 12 hours. Present to meet them on this end were fellow QRP'ers WA4NID, UT5GM, and AA4XX.

We got a chance to see K7YHA's nifty NorCal 40A mobile setup, with

the hamstick mounted on the luggage rack of the Subaru. An enjoyable time was had by all, swaping QRP stories and visiting.

Andy-UT5GM shared information concerning ham radio in Ukraine. Andy lives in a small village near the Polish border. He mentioned that there are 20 hams in his small town, and they also participate in FD. Their favorite FD site is in the mountains, where Ukraine borders Hungary, Romania, and Poland.

Rich and Tricia are driving non-stop to Las Vegas, and then plan on arriving in CA shortly thereafter. Who knows, you may hear his NorCal 40A on 7040 KHz as he passes through your part of the country. Good luck Zuni's. May the force be with you...
72,
Paul AA4XX Raleigh, NC

From owner-qrp-l@Lehigh.EDU Sun Jun 16 23:04:58 1996
From: Stanley Wilson <microres@crl.com>
Subject: [9969] K7YHA's westward trek - progress report
Message-ID: <Pine.SUN.3.91.960616150022.18607A-100000@crl10.crl.com>

Worked K7YHA/MM near Marion, NC this afternoon. Has a nice fist. Gave him a 339 in lots of QRN about 16:50 CDST. Received a 539. Using a long wire on this end. He was exactly on 7040 so might watch for him. Not a bad signal for mobile qrp with all the QRN on this end. de stan AK0B

From owner-qrp-l@Lehigh.EDU Sun Jun 16 23:04:58 1996
From: Paul Stroud <aa4xx@nando.net>
Subject: [9957] Knightlite's 80M Net
Message-ID: <31C41D3A.6F7E@nando.net>

Hi Gang,

Last Sunday's net gave us the opportunity to rag chew a little more than usual. The QRN levels probably kept some from trying to check-in, although we had QNI's from NC to VE3-Land. All the operators who brave 80M this time of year show true QRP spirit.

Thanks to Jim-K3QIO, and Ron-VE3SP, for taking turns as NCS stations this session. Bob-AE4IC sounds like he's running a KW lately. On the other end of the spectrum, Gary-N3GO, who lives only 7 mi. west of my QTH, is usually a mere whisper "N??O, or ?3??, or ????. Maybe that's because he likes to QNI with 1-5 mW! We also heard from

DAn-KC4EWT, who was vacationing on the Outer Banks of NC with his 1W and long wire. I'd sure like to have swapped QTH's with Dan for a while...

Thanks, guys, for the QRP fun. The KnightLite's Net meets each Sunday night at 0200Z (10PM EDT) on 3710 KHz. Everyone is invited; We don't get in a rush, so send any speed that you feel comfortable with. Hope to hear you soon!

72,
Paul

From owner-qrp-l@Lehigh.EDU Sun Jun 16 23:04:58 1996
From: Chris Sieg <c_sieg@conknet.com>
Subject: [9971] Parts available
Message-ID: <Chameleon.4.01.2.960616211428.c_sieg@PIEXX.conknet.com>

Hi QRP Homebrewers,
  I have recently gotten my web page set up and there is a section with new components that you might want to check out. The
URL is:
  http://www.conknet.com/piexx
You should click the PIEXX picture and then the components.

Thanks,
-Chris

Name: Chris Sieg WA3LDI
E-mail: c_sieg@mail.conknet.com (Chris Sieg)
URL http://www.conknet.com/piexx
From owner-qrp-l@Lehigh.EDU Sun Jun 16 23:04:58 1996
From: n5zgt@swcp.com (Brian Mileshosky)
Subject: [9973] QRP Data Book - NA5N
Message-ID: <199606170335.VAA09580@kitsune.swcp.com>

Hello Everybody,
  Just wanted to say that the Data Book for Homebrewers and QRPers by Mr. Paul Harden, NA5N is a winner! This book seems like a Bible for QRPing! It also includes the QRP Yellow Pages by Mr. Richard High, W0HEP.
  If you don't have one, get one! It's well worth the money.
72,
Brian, N5ZGT (6 DAYS 'TILL FIELD DAY!)

Boy Scouts of America Amateur Radio - N5ZGT
JASM -Troop 41 ARRL QRP: NorCal# 1700

Albuquerque, N.M. Packet: N5ZGT @ KC5IZT.ALBQ.NM.USA.NA
O.A. Lodge 66 <-W-W-W-<< Internet: n5zgt@swcp.com

From owner-qrp-l@Lehigh.EDU Sun Jun 16 23:04:58 1996
From: DCrespy@aol.com
Subject: [9955] Speakers...quality counts
Message-ID: <960616093725_557307828@emout12.mail.aol.com>

A lot of you probably already know this..but it was a big surprise to me..

I've used my NN1G MKII for years..It has turned into my most used rig (so this is even a bigger surprise).. Normally I've used either headphones or a Radio Shack amplified speaker.. I could never get it to drive even a small (2 to 3 inch) replacement speaker to readable levels without additional amplification.

Last night, when the battery went dead in my Radio Shack speaker..and I got tired of the headphones..my only choice was an old Car Stereo speaker (about a 6 incher with a BIG magnet that I use with some of my boat anchors).. HUGH SURPRISE..the little LM386 drives it nicely. I always thought..Big magnet = tough to drive. apparently the opposite is true.

I hope this helps someone else.

72 Harry KG5LO

From owner-qrp-l@Lehigh.EDU Sun Jun 16 23:04:58 1996
From: Arthur Moe <kb7ww@aracnet.com>
Subject: [9960] TEN_TEC Power Mite
Message-ID: <199606161605.JAA05040@trapdoor.aracnet.com>

One of these came home yesterday for a fiver. The owner said xmts fine don't recive. So before I start on it would some one like to give a quick rundown on the rig, THE GOOD, THE BAD, and THE UGLY.

72/73
art

***

AT THE END OF THE OREGON TRAIL

Arthur Moe ARRL - Life
A.R.S. KB7WW SMIRK #733
QTH: Oregon City, Or. QRP ARCI
kb7ww@aracnet.com QRP-l #290
artmoe@agora.rdrop.com

KB7WW TMPS 1996 Q's-021 States-08 Confirmed-000 DX-07
AK AL AZ CA CO HI VA WI
AK HI JA OZ VE ZL 9M

From owner-qrp-l@Lehigh.EDU Sun Jun 16 23:04:58 1996
From: cjsterl@ix.netcom.com (Craig J. Sterling)
Subject: [9965] TMPS UPDATE
Message-ID: <199606161847.LAA29475@dfw-ix1.ix.netcom.com>

Here's the latest:

Harvey Hetland, I need to get a life also!!!!!!!!!!!!!1
This band is FB FB FB FB!!!!!!!

Craig Sterling (AA3MD) cjsterl@ix.netcom.com
AA3MD TMPS 1996 Qs=92 States=32 Confirmed=06 DX=18 (5W)
ME NH VT NJ NY MD PA AL FL GA KY NC SC TN AR MS OK TX CA AZ OR WY MI OH
IL IN WI CO IA KS MN MO
EW VE1-3 LZ G XE 9A HA VP9 DJ OZ EA OK I GM C6 HB SP YT

From owner-qrp-l@Lehigh.EDU Sun Jun 16 23:04:58 1996
From: bhopkins@polarnet.com (Bruce Hopkins - KL7JAF)
Subject: [9964] What a difference a Dipole makes !!!
Message-ID: <v01530500ade9ecdcf404@[204.119.24.100]>

Hi Gang...

Just a note on antennas and 30M propagation from the not so frozen North...

I've really been enjoying the TMPS and from this exercise am learning a bit about a really interesting band... I added a set of 30M elements to

my 80M dipole last winter and while it seemed to work well the propagation was not there very often so I extended the 30M elements to 40M to have a go at the Fox as well as check into our statewide net... Long story short, it has taken me this long to finally put up an independent 30M dipole with its lobes aimed at Chuck to the SE and Igor the other way...

Since the start of the TMPS I have tried the tri-bander through the tuner and the 80/40 fan dipole also through the tuner... In both cases I am able to achieve a 1:1 match to the rig... The tri-bander gave very poor results so I quickly abandoned it... The 80/40 fan dipole let me achieve 8 Q's with 3 countries and 2 states with very casual operation... Contacts were difficult at best with a very low return rate... The resonant dipole has made a quantum difference... In the last three days that the dipole has been up I have made an additional 9 contacts... Only a few of the stations that I called failed to at least respond... Last night with only 2 signals on the band I heard a weak ZL1MH and almost did not respond to his CQ... Lin (xyl-WL7BHT) commented from the other room "No Guts, No Glory"... Why not!!! He came back on the first try and we proceeded to have a nice 10 minute QSO...

What have I learned so far??? The band comes and goes, it often seems to go dead for a spell only to rebound later... A lack of CW signals does not mean the band is dead, listen to the Commercial rtty & fax stations & wwv for band condition indicators... If you only cruise the lower third of the band, you will miss QSO's... I now tune the full 50kHz and often find a QSO at the mid to high end... Worked Cate WB0BIV in KS on 10.142, Dave VE7DWG on 10.123, JR7ZND/7 on 10.126... Heard several JA's this morning up around 10.135... Build thyself a resonant antenna... It only takes an hour to make a 30M dipole and get it up to 25ft... What a difference a dipole makes!!! It makes me wonder how many QSO's we loose to non resonant antennas and tuner loss... I plan to build a portable dipole kit to take along in the kayak with quick change resonant elements for each band...

A question for the group... I would like to hear from anyone who has info on wire beams... I am thinking of adding a director and a reflector onto the 30M dipole... Can I use the dimensions obtained from the YAGI program that comes with the ARRL Antenna Book... Any and all heads-up would be appreciated...

Come on in, the water is fine, not to mention FUN... Chuck, I have taken it as a personal challenge to work you on 30M, I listen often around 10.116 between 0400Z and 0900Z... The bands are supposed to get better next week... Listen for my 5W... I'll be listening for all of you...

72/73/oo's - Bruce * KL7JAF

QRP-L #380 QRP-ARCI #9061 G-QRP #9181 Norcal #1543 ARS #14
ISSB #14548 TFO #359 McPig #003 AK-QRP #1

E-Mail: bhopkins@polarnet.com
Web Page: http://www2.polarnet.com/~bhopkins

KL7JAF TMPS 1996 Qs=017 States=06 Confirmed=00 DX=08
States - HI CA TN WA KS AK
DXCC - R1F KH6 WA6 KL7 ZL1 VE7 JR7/7

"Every Man should learn to play the Flute,
     but not well..."

From owner-qrp-l@Lehigh.EDU Sun Jun 16 23:04:58 1996
From: "Robert J. Gobrick" <rgobrick@nfld.com>
Subject: [9970] Re: Comparison of Rigs
Message-ID: <2.2.32.19960615213623.00a3f5b8@public.compusult.nf.ca>

Hi Frank,

Ken N2CQ email address is 103464.1355@CompuServe.COM.

Ken mentioned to me I believe here on the QRP-L (or maybe compsuerve) that his club was having a dog-and-pony sort of rig shoot-out. He mentioned he brought his new Explorer II to see how it stacked up against some other QRP (not quite QRP but small and power thirsty) rigs like the new Alinco DX70 and Icom IC-706, both which are in the kilobuck category.

I left a note with Ken that it's not even and apples and orange contest - more like an apples and tomato one (is tomato a fruit??). Anyway it is surprising what a under $100 rig can do compared to the multibander, multi-everything kilobuck rigs. There is nothing like listening to a signal on a good single conversion receiver with adequate filtering - really nice - no synthesizer noise etc. Anyway the OHR Explorer II is in the category of a great rig for the money - in my opinion better then the more expensive

NorCal 40a which seems to be the rage of late. But if you're interested in the Explorer II you better act before Monday night to get one ordered on the QRP-L group buy. The word is that the Explorer II is going to be phased out with a more expensive OHR-100 replacing it.

Anyway, since I didn't answer your question you need to do some studying on the rigs and the guys on the list here can then better give you a hand. I know there are a few Alinco DX70 owners here and a ton of OHR Explorer II owners - but you can't ask them to compare the rigs because they are so different.

Have fun and 73/72 Bob VO1DRB/WA6ERB

At 09:00 6/16/96 -0700, you wrote:
>Recently, I read a short discussion of several transceivers usable
>for QRP operations. They included: Alinco (model?), Index QRP+,
>Explorer-II, NorCal 40A, Small Wonder SW-40, Icom IC-706 and NW8020.
>Most of the discussion was about the receiver capabilities.
> I don't know whether I downloaded this from packet (I doubt) or
>from here. The message was addressed to Ken Newman, N2CQ from
>Bob VO1DRB/WA6ERB but I have no other info re: addressing. I would
>like to get some more info about the rigs under discussion, particularly
>the Alinco and the Explorer-II. Can anyone help me; either in locating
>an e-mail address for one of the two parties, or tell me about the
>rigs in question. I think the the Alinco may be a new offering.
>
>72, Frank - WB6LMA

 ____
| Bob Gobrick - VO1DRB/WA6ERB/VE2DRB - Newfoundland, Canada |
| QRPer Galore - ARCI, GQRP, NORCAL, NEQRP, COQRP, MIQRP, NWQRP |
| Internet: rgobrick@nfld.com |
| bgobrick@nlnet.nf.ca |
| Compuserve: 70466.1405@compuserve.com |
|____|

From owner-qrp-l@Lehigh.EDU Sun Jun 16 23:04:58 1996
From: "John Garrett"@mail.demon.net, G3RHP <john@antenna.demon.co.uk>
Subject: [9953] Re: Mod For popping & AGC on Argosy
Message-ID: <834911994.28744.0@antenna.demon.co.uk>

Don't know about the Omnis but one of the reasons why the Argosy II 525D has "pops" during QSK operation is that the AGC voltage, that is built up across C25 (10uF), is effectively shorted out by Q6 as soon as the key is pressed, thus ensuring that the RX comes back on full gain - not good news on strong signals. I believe that what is

needed is a way to keep C25 charged during key-down. Could this be
done with a pair of CMOS switches? There's probably a better way.
Any ideas?

Looks to me as though increasing C40 would increase the mute time of
the audio amp, U4, thus allowing AGC recovery before the mute ends.
Guess the acceptability of this depends how fast you like QSK
operation but I shall give it a try.

Cheers and 73 de John, G3RHP

--
john@antenna.demon.co.uk   g3rhp@amsat.org

From owner-qrp-l@Lehigh.EDU Sun Jun 16 23:04:58 1996
From: "Robert J. Gobrick" <rgobrick@nfld.com>
Subject: [9954] Re: Mod For popping & AGC on Argosy
Message-ID: <2.2.32.19960615120251.00a34ba4@public.compusult.nf.ca>

Hi John,

I'll be curious what feedback you get on the Argosy AGC popping (well known
phenomena). You'll have to filter the information you get since the AGC
circuits are different in the Argosy Analouge rigs (maybe even two versions
of AGC) and the Argosy Digital (525D). From what I remember, from an old
analog I used to own, is that the AGC popping is less (although not gone) in
my Argosy digital.

I've seen some suggestions which were not documented (ie real life tested)
so I'll see if I can dig those out of my archives.

Anyone out there play with the AGC on their Ten Tec Argosy Digital rigs?

Cheers and 73/72 Bob VO1DRB/WA6ERB

At 19:07 6/15/96 +0000, you wrote:
>Don't know about the Omnis but one of the reasons why the Argosy II
>525D has "pops" during QSK operation is that the AGC voltage, that
>is built up across C25 (10uF), is effectively shorted out by Q6 as
>soon as the key is pressed, thus ensuring that the RX comes back on
>full gain - not good news on strong signals. I believe that what is
>needed is a way to keep C25 charged during key-down. Could this be
>done with a pair of CMOS switches? There's probably a better way.
>Any ideas?
>

>Looks to me as though increasing C40 would increase the mute time of
>the audio amp, U4, thus allowing AGC recovery before the mute ends.
>Guess the acceptability of this depends how fast you like QSK
>operation but I shall give it a try.
>
>Cheers and 73 de John, G3RHP
>
>
>--
>john@antenna.demon.co.uk   g3rhp@amsat.org
>
>

 ____
| Bob Gobrick - VO1DRB/WA6ERB/VE2DRB - Newfoundland, Canada |
| QRPer Galore - ARCI, GQRP, NORCAL, NEQRP, COQRP, MIQRP, NWQRP |
| Internet: rgobrick@nfld.com |
| bgobrick@nlnet.nf.ca |
| Compuserve: 70466.1405@compuserve.com |
|____|

From owner-qrp-l@Lehigh.EDU Sun Jun 16 23:04:58 1996
From: JessQRP@aol.com
Subject: [9972] Re: OHR 400 information/ QRP trip report.
Message-ID: <960616221944_557621864@emout15.mail.aol.com>

Hi,

I have had the OHR 400 on the air now for about a year and it is a GREAT radio. I built mine when I was out of work for a few months and could not do much of anything. I took my time and was careful with the assembly and it worked right out of the shoot. Receiver is great and the sensitivity is better than my main station Kenwood. The power output on mine is better that expected. I get a full 5 watts on 20 meters and 7 on 30, 9 on 40 and almost 10 watts on 80. I have hauled this radio up to the mountains for QRP to MY field (yes I know it is big, but I don't backpack!) and use a 6 ah 12 volt battery. The rig will run for 3-4 days on this battery. In fact I just came back from a trip to Red Feather lakes about 40 miles south of the Wyoming border in CO. I was camped at about 9000 feet (if a 38 foot motor home is camping!) and used my "emergency" dipole. It is a 120 foot zepp made out of 16 gua. stereo wire "zip" cord and fed with 300 ohm ladder line. I had it up in the trees at about 30 feet. I worked the east coast, west coast and a few in between. Even worked a few in SA. We got rained out and had to leave early though and I only got to operate Friday night. Yeah, I know that I could have sat in the camper and played radio to my hearts content, but the roof on the motor home was leaking bad. It seems that when we pulled the motor home up on

the blocks that the roog vent cracked fromt the stress and we did not know it. Get this though, I took the cell phone and laptop setup from work up there. I am on call for 7 days and 24 hours about every 6 weeks and need to be able to dial in to any computer anywhere in the world at anytime, so that is why I ahd this setup with me. I hooked the laptop up to the cell phone, called up AOL and viola! QRP-L Email while up in the woods camping!

The 400 is a great radio, fairly easy to build as long as you take into account that it is a 4 band radio and that means more parts to install. The manual is great and the instrctions are very clear. I got my 400 on the last group buy and have never regretted it at all. In fact, it is about the only radio that I use anymoer and I have 4 others that I could use.
I find that the receiver is a bit tight and taked some getting used to, but now that I have used for some time, I prefer the tightness of the bandpass filters. I normally run a 500 hz filter in my main rig and the 200-300 bandpass in the 400 is just fine. I don't know what else to add about it, works great. I have the built in keyer and have mad the mods for the drift in the VFO and the mod for the chirp on transmit when the RIT is out of the center detent. I also made the mod for higher AGC action, but find that the AGC on this radio does not work that hot and the mod was not that much of an improvment. With the RF and AF gain,. the AGC is not needed that much.
I hope that all of this information helps and sorry that I rambled on for so long, but as you can tell, I really am happy with this rig, and think that the bells and whistled that it offers and the extra power that it has far offset the size of the radio and the current draw, about 300 mils on receive and 1 amp on transmit.

Best for now,
Jess N0TFI

From owner-qrp-l@Lehigh.EDU Sun Jun 16 23:04:58 1996
From: "michael (w.m.) babineau" <babineau@nortel.ca>
Subject: [9966] Re: Painting Aluminum Enclosures
Message-ID: <"23624 Sun Jun 16 15:16:52 1996"@bnr.ca>

Thanks to everyone who responded to my query regarding painting aluminum enclosures. The consensus (with some minor variations) seems to be to make sure that the enclosure is clean (ie free from grease or oil) and that the surface be slightly "roughed up" using steel wool or a "brillo pad". A very light coat of primer should be applied, followed by many thin coats of paint, to get the best finish.

Now, if only I can manage to find some time time to actually do this!

Thanks,

Michael VE3WMB

P.S. L.B. and Bruce, very nice to meet you guys at FDIM. I really enjoyed talking with you about antennas etc. L.B .. thanks again for your recent postings on Loops, they were very enlightening.

From owner-qrp-l@Lehigh.EDU Sun Jun 16 23:04:58 1996
From: iapizloj@bicc00.bi.ehu.es (jon Iza)
Subject: [9951] Re: Promote operator competence
Message-ID: <9606160933.AA23618@bicc00.bi.ehu.es>

Gang,
I've read with dismay the idea of parallel paths of license upgrade and power upgrade. This is totally wrong!
I remember a scientist from an East European country, bitterly complaining for newest PCs at lab ending up on the desk of the boss (who used it for word processing -two fingered-) instead on the desk of brilliant scientist looking for higher tasks and glory (Seen at the Journal of Irreproducible Results).
Here it must be the same since the same principle applies. Extra hams needs less power to achieve the same contacts for they have the experience, the knowledge and the brains to do it. Next time when you US citizens will vrite (sorry) write to your Congress representative ask for less power for the extras and leave Novice and Technician with a KW on their hands and 10 kHz subbands. Probably all these brags (Life is too short for QRP) will stay there and will never upgrade to enjoy QRP. As we say in Spanish:
No esta hecha la miel para la boca del asno.
(Honey isn't made for a donkey's palate).
Share and enjoy.
jon, ea2sn